

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"2003111848"	JPO; DERWENT	OR	ON	2010/09/02 10:10
S2	1	("5735817").PN.	USPAT; USOCR	OR	OFF	2010/09/02 10:16
S3	25	"1033582"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:17
S4	11	"10033582"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:17
S5	9	"10033582"	JPO; DERWENT	OR	ON	2010/09/02 10:18
S6	0	"0801938"	EPO; DERWENT	OR	ON	2010/09/02 10:36
S7	11	"801938"	EPO; DERWENT	OR	ON	2010/09/02 10:36
S8	1	("6328309").PN.	USPAT; USOCR	OR	OFF	2010/09/02 10:37
S9	2	"2003111848"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:38
S10	0	"2003432986"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:39
S11	0	"20030432986"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:39

S12	3	2005-185661	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:40
S13	2	"2005185661"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:40
S14	0	"10584399"	JPO; DERWENT	OR	ON	2010/10/27 12:17
S15	1	"10584399"	US-PGPUB	OR	ON	2010/10/27 12:17
S16	0	H6-327763	JPO; DERWENT	OR	ON	2010/10/27 12:23
S17	0	06-327763	JPO; DERWENT	OR	ON	2010/10/27 12:23
S18	1	"06327763"	JPO; DERWENT	OR	ON	2010/10/27 12:23
S19	1	"07500765"	JPO; DERWENT	OR	ON	2010/10/27 12:24
S20	1	"07503171"	JPO; DERWENT	OR	ON	2010/10/27 12:25
S21	0	54-016883	JPO; DERWENT	OR	ON	2010/10/27 12:25
S22	1	"2984056"	JPO; DERWENT	OR	ON	2010/10/27 12:25
S23	0	3-251258	JPO; DERWENT	OR	ON	2010/10/27 12:25
S24	1	"03251258"	JPO; DERWENT	OR	ON	2010/10/27 12:25
S25	2	"05293183"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 12:26
S26	1	("5344398").PN.	USPAT; USOCR	OR	OFF	2010/10/27 12:26
S27	3	"9615741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 12:26

S28	2	"10508779"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 12:27
S29	33	"853468"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 12:27
S30	13	"853468"	EPO; DERWENT	OR	ON	2010/10/27 12:27
S31	0	"0853468"	EPO; DERWENT	OR	ON	2010/10/27 12:27
S32	1	("4160455").PN.	USPAT; USOCR	OR	OFF	2010/10/27 13:50
S33	15	"2731276"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:51
S34	9	"1582135"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:51
S35	59	"558297"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:51
S36	8	"558297"	EPO; DERWENT	OR	ON	2010/10/27 13:52
S37	1	("5735817").PN.	USPAT; USOCR	OR	OFF	2010/10/27 13:52
S38	1	("5344398").PN.	USPAT; USOCR	OR	OFF	2010/10/27 13:52
S39	3	"0801938"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:52
S40	33	"801938"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:52

S41	11	"801938"	EPO; DERWENT	OR	ON	2010/10/27 13:53
S42	2	"2003111848"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:53
S43	2	"20080039790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:53
S44	0	10-33582	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:54
S45	25	"1033582"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:54
S46	12	"1033582"	JPO; DERWENT	OR	ON	2010/10/27 13:54
S47	276	hasebe-kazu\$.in.	JPO; DERWENT	OR	ON	2010/10/27 13:55
S48	463	hasebe-kazu\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:55
S49	16	hasebe-kazunari\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 13:56
S50	3829	(toray and industries).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:00
S51	71	("606" or "600" or "604" or "607" or "128").as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:00

S52	332768	("606" or "600" or "604" or "607" or "128").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:04
S53	19	S50 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:04
S54	64	(nihon and medix).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:05
S55	3	((("4160455") or ("5735817") or ("20030065371"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/27 14:07
S56	2	"2003111848"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:12
S57	25	"1033582"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:12
S58	0	"10-33582"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:12
S59	33	"801938"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:12
S60	2	"0330789"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:13
S61	0	"200330789"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:13

S62	4	"2003030789"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 14:13
S63	653	(604/113).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/27 14:14
S64	747	(606/27).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/27 14:46
S65	474	(606/28).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/27 15:01
S66	780525	catheter or probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:12
S67	1681781	balloon or expanding or expandable or expansion or inflate or inflating or inflation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:15
S68	4384327	pump or roller or rotary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:15
S69	5213507	pump or roller or rotary or vibrate or vibration or vibratory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:15
S70	1157	(S66 and S67 and S69).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:15
S71	221	S70 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:16
S72	6564479	thermal or heating or heat or cautery or cauterization or cauterizing or ablate or ablation or ablating or coagulate or coagulation or coagulating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:17

S73	117	S71 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:17
S74	105814	pump near5 (peristaltic or roller or rotary or rotor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:21
S75	1952	S74 and S72 and S67 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:22
S76	114192	pump near5 (peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:23
S77	245	(S76 same S67) and (S67 same S72) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 15:23
S78	1	("5735817").PN.	USPAT; USOCR	OR	OFF	2010/10/27 16:11
S79	1	("5549559").PN.	USPAT; USOCR	OR	OFF	2010/10/27 16:14
S80	1980	(607/104-105).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/27 16:23
S81	150	("1011606"   "2026747"   "2466042"   "2849001"   "3227154"   "4244377"   "4655746"   "5007437"   "5061241"   "5151100"   "5195965"   "5257977"   "5269758").PN. OR ("5549559").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/27 16:44
S82	55	S81 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/27 16:45
S83	1	("4443333").PN.	USPAT; USOCR	OR	OFF	2010/10/27 17:03
S84	1	("6733476").PN.	USPAT; USOCR	OR	OFF	2010/10/27 17:10
S85	1	("6743204").PN.	USPAT; USOCR	OR	OFF	2010/10/27 17:13

S86	206008	(single or one or individual) near5 pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:14
S87	16906	S76 same S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:14
S88	1547	S87 and (catheter or tube or tubing) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:15
S89	12247	((single or one or individual) near5 (roller or shoe or disc or rotor or wiper)) with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:16
S90	572	S89 and (catheter or tube or tubing) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:16
S91	4307	"360" with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:16
S92	370	S91 and (catheter or tube or tubing) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:17
S93	171	"360" with S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:17
S94	33	S93 and (catheter or tube or tubing) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:17



S95	1	"360.degree."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:26
S96	0	"360.deg."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 17:26
S97	817	"360" near2 pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:20
S98	447	S97 and "52"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:30
S99	333067	("606" or "600" or "604" or "607" or "128").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:30
S100	123	S97 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:30
S101	45	"360" near2 (degree or deg) near2 pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:34
S102	4	S99 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:34
S103	61014	(roller or peristaltic or rotary) near2 pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:43

S104	4961	S103 and catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:43
S105	1050	S103 and (catheter same (thermal or heat or heating or heated))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:44
S106	1165	S103 and (catheter same (thermal or heat or heating or heated or ablate or ablation or ablating or cautery or cauterization or cauterizing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:44
S107	928	S106 and S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:44
S108	9	S106 and S99 and "417".das.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:51
S109	265	604/920.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:56
S110	114252	pump near5 (peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:58
S111	2	S109 and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 08:58
S112	34	S109 and (roller or shoe or disc or rotor or wiper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 09:14

S113	8	S109 and (roller or shoe or disc or rotor or wiper) and pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 09:14
S114	0	(604/131or604/151).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 09:19
S115	2029	((604/131) or (604/151)). CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 09:19
S116	1137	(604/131).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/28 09:20
S117	6	((("20100228176") or ("20100224547") or ("6695803") or ("5342181") or ("4976593") or ("7611498")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/29 14:06
S118	1	("5102416").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/29 14:07
S119	4	"11309209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:08
S120	2	"10184558"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:08
S121	1	("3903895").PN.	USPAT; USOCR	OR	OFF	2010/10/29 14:13
S122	2	"20090312740"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:14
S123	1	("7762982").PN.	USPAT; USOCR	OR	OFF	2010/10/29 14:16
S124	329378	pump with (pinch or pinched or pinching or close or closing or closed or stop or stopping or stopped or compress or compressed or compressing or squeeze or squeezing or squeezed or obstruct or obstructed or obstructing or prevent or prevented or preventing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:19

S125	6820	S124 and catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:21
S126	333067	("606" or "600" or "604" or "607" or "128").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:22
S127	13053	S124 and S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:22
S128	2616331	vibrate or vibration or vibrating or pulse or pulsed or pulsing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:22
S129	13695	S124 same S128	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:22
S130	1682667	balloon or expanding or expandable or expansion or inflate or inflating or inflation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:23
S131	639	S124 same S128 same S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:23
S132	96	S131 and S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:23
S133	31	S131 and S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 14:23

S134	150	("1011606"   "2026747"   "2466042"   "2849001"   "3227154"   "4244377"   "4655746"   "5007437"   "5061241"   "5151100"   "5195965"   "5257977"   "5269758").PN. OR ("5549559").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 14:58
S135	94	S134 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:03
S136	25	("5304120"   "5344398"   "5395331"   "5398692"   "5431648"   "5437637"   "5542928"   "5549559"   "5549603").PN. OR ("5735817").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:18
S137	1	"08351605"	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:20
S138	78	("2058780"   "2077453"   "2190384"   "3125096"   "3425419"   "3460538"   "3504674"   "4014317"   "4111209"   "4181132"   "4298006"   "4312364"   "4416280"   "4445886"   "4638436"   "4686085"   "4736748"   "4804358"   "4819655"   "4850969"   "4899741"   "4907589"   "4917667"   "4955377"   "5011468"   "5059167"   "5191883"   "5304214"   "5342301"   "5346508"   "5354277"   "5385540"   "5411477"   "5433740"   "5437673"   "5486204"   "5486208"   "5549559"   "5624392"   "5702358"   "5716386"   "5733319"   "5837003"   "5879329"   "5975081"   "6096068"   "6146411"   "6149673"   "6149676"   "6231594").PN. OR ("6454792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:21
S139	101	("2254994"   "3064649"   "3482575"   "3533408"   "3700361"   "3737251"   "3907504"   "3927980"   "3941356"   "4086924"   "4111209"   "4249923").PN. OR ("4416280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:49
S140	131	(S138 or S139) and pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 15:49
S141	1	("4657530").PN.	USPAT; USOCR	OR	OFF	2010/10/29 16:03

S142	3040	tubing adj pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 16:04
S143	92	S142 same catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 16:04
S144	92	"tubing pump" same catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/29 16:05
S145	489	(417/474).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/02 09:14
S146	336	(418/13).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/02 09:50
S147	493	(418/195).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/02 09:57
S148	122	(418/211).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/02 10:04
S149	0	"417-418.clas"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15
S150	0	417-418.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15
S151	119699	"417".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15
S152	40007	"418".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15

S153	40007	S152 or S152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15
S154	155983	S151 or S152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:15
S155	4276639	peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:16
S156	119699	"417".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:18
S157	40007	"418".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:18
S158	155983	S156 or S157	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:18
S159	4276639	peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:18
S160	38490	((single or one or individual or monoroller or "monoroller" or "360") same (shoe or disc or peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:20
S161	26893	((single or one or individual or mono or "360") with (shoe or disc or peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:20

S162	4165	((single or one or individual or mono or "360") with (shoe or disc or peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)) same (open or opened or opening or communicate or communication) same (closed or pinched or pinching or closing) same (fluid or liquid or gas)) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:22
S163	1906	((single or one or individual or mono or "360") with (shoe or disc or peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)) same ((open or opened or opening or communicate or communication) with (fluid or liquid or gas)) same ((closed or pinched or pinching or closing) with (fluid or liquid or gas)) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:23
S164	1906	((single or one or individual or mono or "360") with (shoe or disc or peristaltic or roller or rotary or rotor or vibrate or vibratory or vibration)) same ((open or opened or opening or communicate or communication) with (fluid or liquid or gas)) same ((closed or pinched or pinching or closing) with (fluid or liquid or gas))) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:24
S165	2	"20080300590"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 10:58
S166	3	"9615741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/03 11:19
S167	1	("4160455").PN.	USPAT; USOCR	OR	OFF	2010/11/03 11:23
S168	2	"20080039790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/03 11:25



S169	12	(US-5344398-\$ or US-4160455-\$ or US-5735817-\$). dtd. or (WO-9615741-\$ or EP-558297-\$ or EP-801938-\$). dtd. or (JP-06327763-\$ or JP-03251258-\$ or JP-05293183-\$). dtd. or (WO-9405345-\$ or WO-9410948-\$ or DE-2731276-\$). dtd.	USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/03 14:04
S170	33	(US-20080039790-\$ or US-20010056257-\$ or US-20010005791-\$ or US-20030065371-\$ or US-20030130610-\$ or US-20050049475-\$ or US-20070060990-\$ or US-20080056919-\$). dtd. or (US-RE37704-\$ or US-6849063-\$ or US-6471683-\$ or US-5813842-\$ or US-6039078-\$ or US-6080170-\$ or US-6223085-\$ or US-6348162-\$ or US-6926726-\$ or US-6952615-\$ or US-7014652-\$ or US-5735817-\$ or US-5549559-\$ or US-5061241-\$ or US-5195965-\$ or US-6454792-\$ or US-7278984-\$ or US-4416280-\$ or US-5360395-\$ or US-6146411-\$ or US-5215450-\$ or US-4160455-\$). dtd. or (EP-801938-\$ or WO-9615741-\$). dtd. or (JP-10033582-\$). dtd.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/11/03 14:04
S171	41	S169 or S170	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/03 14:21

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